



INTEGRATED WORKFORCE MANAGEMENT

SOLOINSIGHT provides technologies and solutions related to the human recognition that targets the security And workforce management markets. It uses the most advanced Face, Retina and Fingerprint recognition based hardware, software and integrated solutions for Access Control, Time & Attendance and Visitor / Member management. It is one of the pioneers in biometric industry and has products that have accuracy rates around 99% and solutions that can be used for ONE to a few HUNDRED THOUSAND users. Currently it is addressing Pakistani, Australian and Turkish markets.

It started off with a simple idea: there had to be an easier way to record employee time transactions. And then one innovation led to another and that idea grew into something we now call workforce management.

What does that really mean? Plainly put, we help organizations across a variety of industries manage their most valuable, and expensive, strategic asset — their workforce.

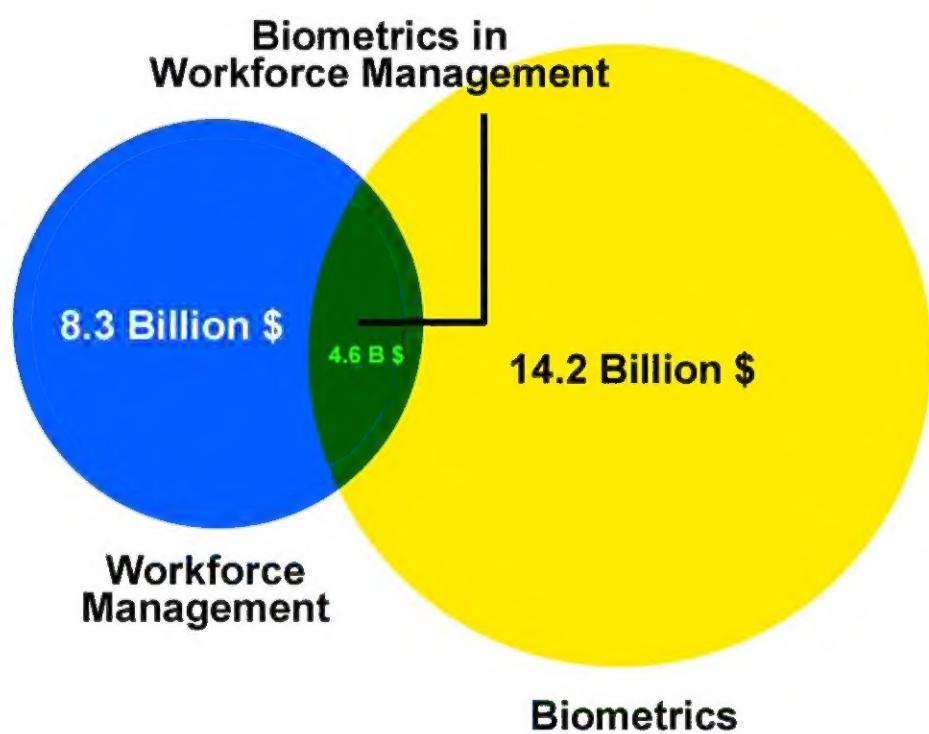
How? By giving them the tools they need to help them control labor costs, minimize compliance risk, and improve workforce productivity. The easy-to-own workforce management solutions from Sololsight make complete automation and high-quality information a reality. And it's all delivered with exceptional service, for the experience you expect.

We take the complexities involved with recording time and attendance transactions, scheduling diverse workforces, and managing employee absence and we simplify them in the cloud. We streamline HR and payroll processes. We help organizations hire the best people and make smarter decisions. And with over hundred organizations in more than 3 countries — including quite a few among the Fortune 1000 — we're helping businesses all around the globe to better manage their workforce.

MARKET SIZE

The size of the current global biometrics market is estimated to be around US \$ 14.2 Billion and the current global workforce management market is estimated to be around US \$ 8.3 Billion.

The overlap of biometrics in use of global workforce management market is estimated to be around US \$ 4.6 Billion



SUCCESS AS A BUSINESS

In Pakistan, SoloInsight has been extremely successful in the large-scale industrial sector. It signed up 40 projects in last 8 months. Main customers include NADRA, Pakistan Army, MCB Bank and Allied Bank of Pakistan for a combined order of over US \$ 2 million in the first phase.

Customer are lining up and willing to pay 80 % advance. Partners in Australia & Turkey have committed to invest US \$ 1 million each in sales and marketing in their respective regions as well have place a combined initial order of US \$ 1 million.

CLIENT BASE 100+ and GROWING !!



Pakistan
Army



DISTRIBUTORS SIGNED IN



PAKISTAN



AUSTRALIA



TURKEY



USA

AWARDS & RECOGNITIONS

Certifications



30 + International Awards and Recognitions



Global Innovation through
Science and Technology

P@SHA
launchpad
A Liftoff for Groundbreaking Ideas



Australia



Google
p@shafund
for SOCIAL INNOVATION

WORKFORCE MANAGEMENT CHALLENGES



5 workers or 500,000 workers



Multiple locations



Roaming Workers



Verticals / Profession / Seniority



Literacy Level



Languages



Disability



Biometric Disability



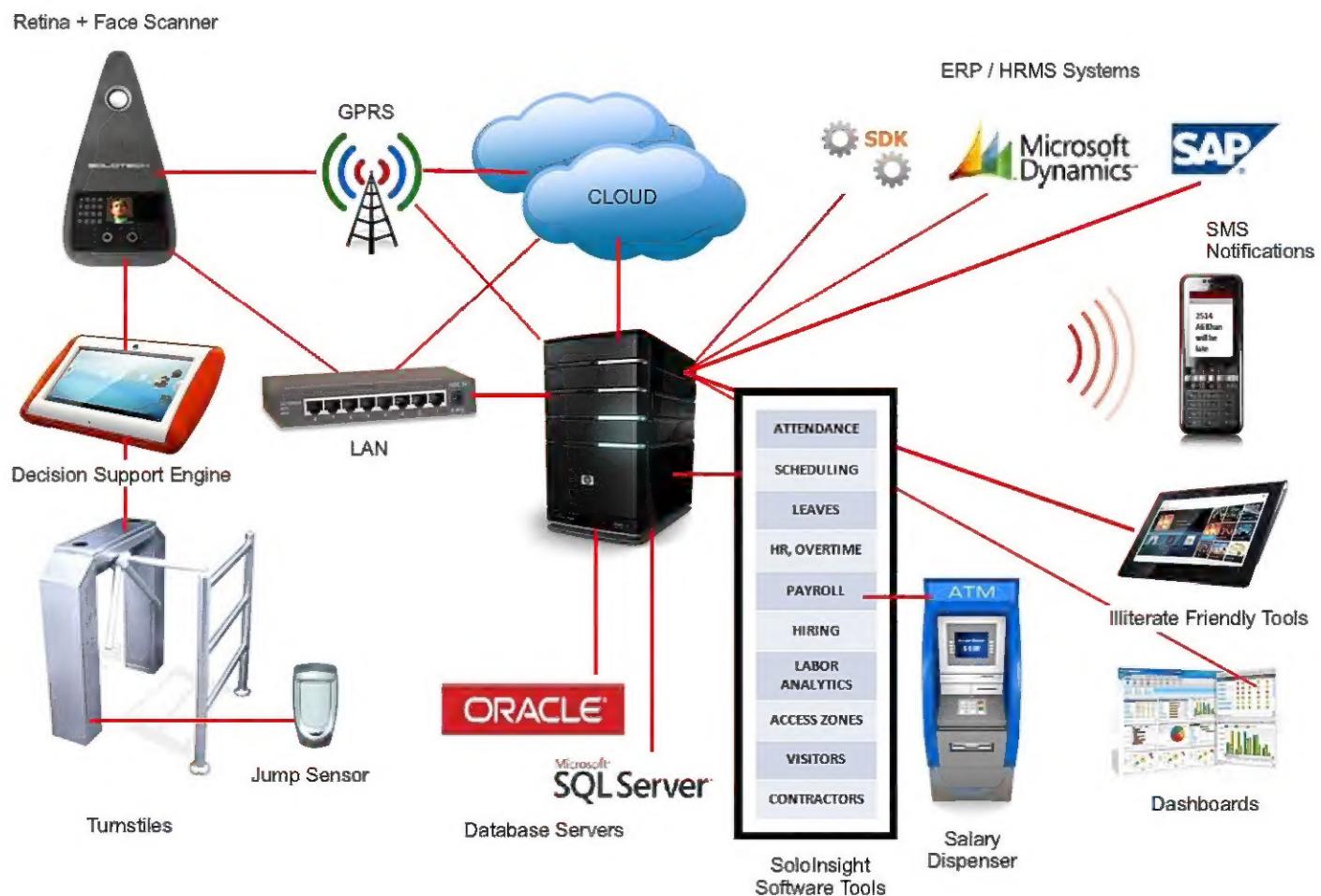
Shifts

Through our extensive research and development, as well as actual implementations we have identified and solved workforce management challenges that may involve a workforce as small as 5 or as large as tens of hundreds of thousands, working from different locations in different time zones and in fixed or rotating shifts and or are on overtime.

The workers may roam from one company location to another or even work from client locations and belong to all course of different verticals, profession, ranks and positions. Workers may be illiterate, digitally challenged or highly qualified and may speak or read different languages.

Similarly workers may have a physical or biometric disability, SoloInsight caters all under one umbrella.

WORKFORCE MANAGEMENT CHALLENGES



SoloInsight forte is Integration. It does not matter how complex the requirement is or which third party hardware or software component is used, we safeguard your past investments by integrating them with our whole set of central solutions.

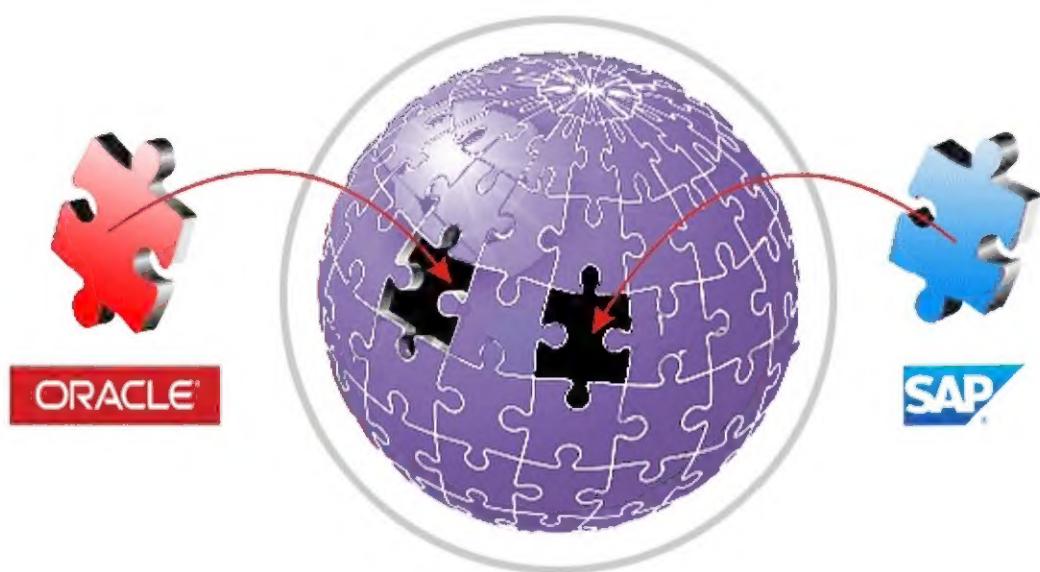
It may be integrating a biometric system with access control or with different human resource management system tools, database management systems and enterprise resource planning systems.

It does not matter how complex a integration challenge is, SoloInsight is dedicated to solve it !

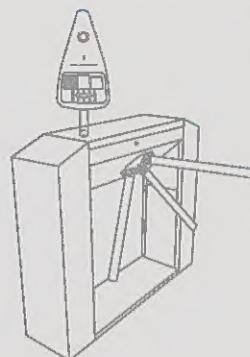
WORKFORCE MANAGEMENT CHALLENGES



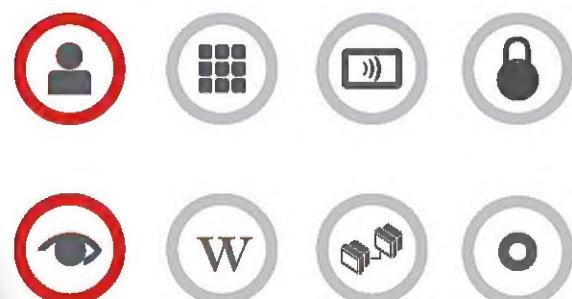
We offer 360 degree workforce management solution which is modular and can be seamlessly integrated with SAP, Oracle, Microsoft and any other third party components.



- Fast
- Accurate
- Easy
- Reliable
- Contactless



- Access Control
- Staff Attendance
- Visitors Management
- Payroll



FAST, ACCURATE & EASY-TO-USE DEVICE.
SO USER FRIENDLY THAT YOU CAN HARDLY
MAKE ANY MISTAKE IN USING IT.

No affect from beard, non glazed glasses, mustache and shave



Reports

- Monthly Grid Report
- Present Report
- Absent Report
- Late Report
- Time Out Report
- Attendance Summary

Integration SDK Kit

Optional SmartXS Integration Manager Kit can be purchased for custom integration into your existing payroll, HRMS, ERP and Reporting Systems.

SmartXS Integration Automater is also available

No Buddy Punching
Accepts Only Human Faces
Declines Fake Photographs
Matches 1 million faces in 1 sec

Time Attendance Software

- Enrollment Module - Employees Profile
- Duty Schedule Management
- Leaves Module
- Rest Day and Holidays
- Time Office Manual Tasks — Force IN / OUT
Absent to Present
Present to Absent

Fool-Proof Multi-Location Workforce Management



Core2Duo Laptop Recommended

3D Face Recognition

Fingerprint Recognition

Photo Evidence Capture

GPS Receiver



FS1

Captures

Employee Name

Employee ID

GPS Coordinates

Location of Attendance

Date & Time

Log-In

Log-Out

Break-In

Break-Out

Integration with Software Tools

Attendance Client and Server Software (Basic)

Workforce Management Suite (Enterprise)

Third Party Tools

Client Supports Multi-User Access

Work Order Management

Client Location based Task Management

Assign and Monitor Task Status

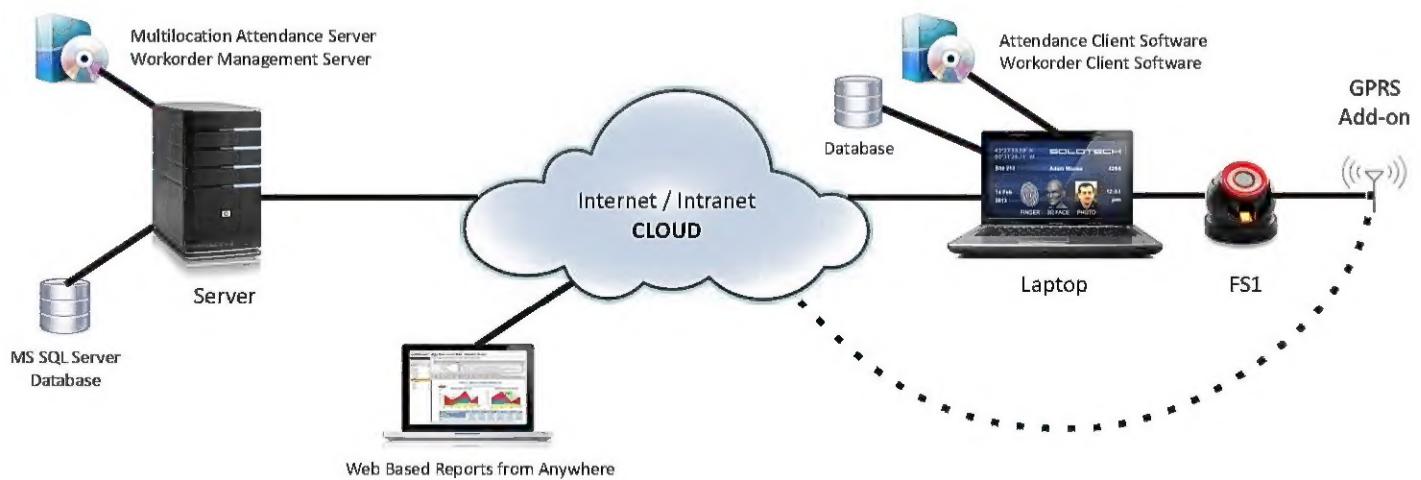
Push Data to server through Internet

Save offline sync later if network not available

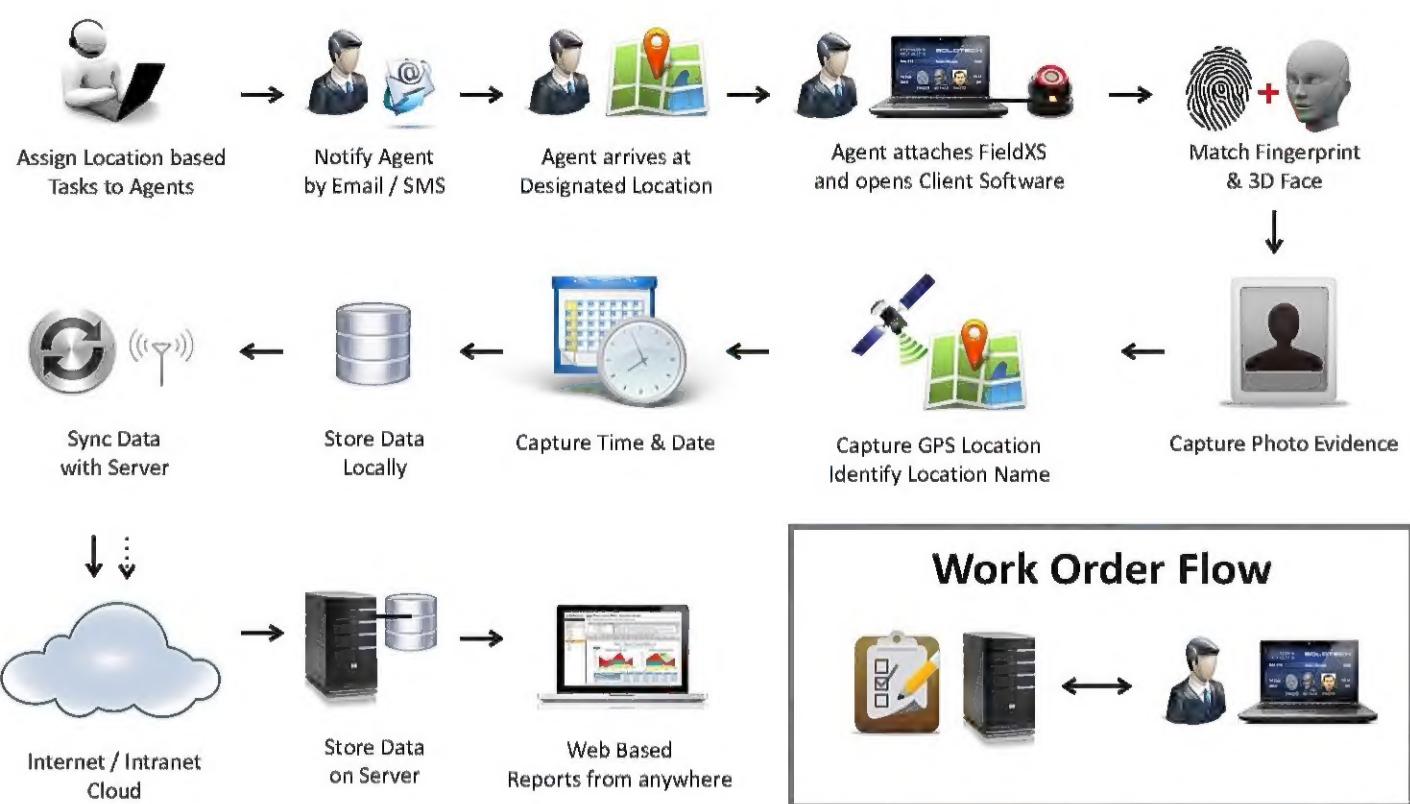
GPRS Add-on Available

Fool-Proof Multi-Location Workforce Management

FIELDXS COMPONENTS



FIELDXS Attendance Marking Workflow





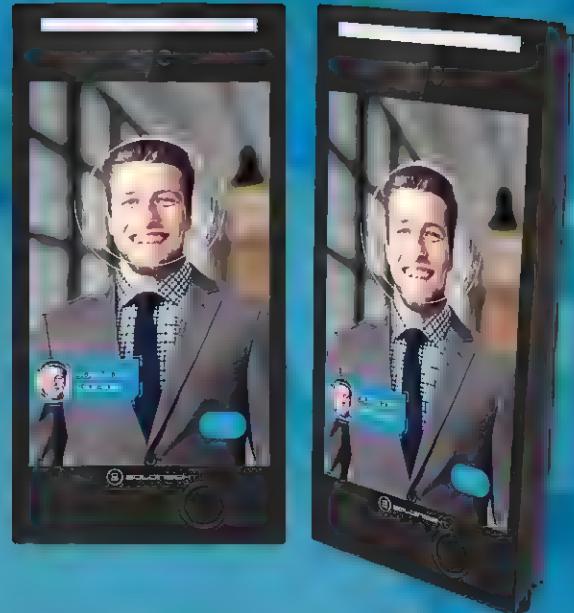
SmartXS Xs102

Eyes + Facial Recognition integrated with Attendance & Payroll applications.



Attendance Magic

Attendance and Payroll Application



SmartXS XS1 is a touchless multi-biometric identification terminal featuring Soloinsight Inc. Eyes + Facial Recognition Technology

with the latest algorithm and Eyes + Facial Recognition technologies, this device will automatically perform Eyes & Facial recognition from the target in a long distance when it detects a human face in the detection distance to deliver better recognition quality in terms of speed and accuracy than the previous models (SIPR Recognition devices) with the applied deep learning algorithm.

Specifications

Usage	Industrial Usage
Models	Xs102
Template Capacity	50,000
User Method	Eye + Facial Recognition
Visitor Method	Card + Photo
Matching Version	0.3 Secs
Algorithm Version	SoloSense™ 6r
Sensors	Infra-Depth Sensing + Sonare™
Records Capacity	200,000
LCD	Industry 7 Inch Touch Screen. Resolution 1280*800
Communication	TCP/IP , USB and Wi-Fi
Power	12 v DC - 2A
Working Temperature	0°C to 40°C 32°F to 104°F Humidity 18% to 80%
Weight	0.76kg
Working Distance	1 to 7 feet aprox
Card Reader	EM Microelectronic Marin SA - EM4100 125KHz
Outputs	Dry Contact Relay Output, Standard Wiegand 26/34 output
Processor	1GHz Dual-core CPU, 8 GB RAM/ROM
Certifications	CE FC ROHS CLASS A



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SOLOTECH

Installations Gallery of Selective Installations

Industry	Textile – Spinning Mill
Permanent	650
Contractors	389
Total Strength	1039
Device Type	SmartXS x 2
Turnstile	2
Software Type	Advanced Attendance



Monnoo Industries Ltd.

Group Wide Business Status

Completed Reports



MONNOO INDUSTRIES LTD.
ILLAQA KAISAR MONNOO
LAHORE

ISO 9001:2008 CERTIFIED







Tahir Mahmood
Resident Director – Monnoo
Group









Industry	Manufacturer
Permanent	430
Contractors	170 +
Total Strength	600 +
Device Type	SmartXS x 2
Turnstile	2
Software Type	Basic Attendance &...



Chawla Aluminium







Industry	Automobile
Permanent	1200
Contractors	800 +
Total Strength	2000 +
Device Type	Secure Face x 2 16,000\$ each
Turnstile	2

Software Type **Advanced Attendance**

Deployed Since
June 2010



TOYOTA



SUZUKI



HONDA



MASSEY FERGUSON







Industry	Food Packaging & Processing
Permanent	480
Contractors	300 +
Total Strength	780 +
Device Type	SmartXS x 4
Turnstile	2
Software Type	Advanced Attendance



Swiss

TetraPak









Industry	Food Packaging & Processing
Permanent	3,500
Contractors	1,500 +
Total Strength	5000 +
Device Type	Secure Face x 2
Turnstile	2
Software Type	Advanced Attendance



American

Pepsi Cola International







Industry	Textile Dyes & Chemicals
Permanent	75
Contractors	100 +
Total Strength	175 +
Device Type	SmartXS x 2
Turnstile	0
Software Type	Basic Attendance Suite
Deployed Since	December 2012
A photograph showing a row of various chemical containers, including bottles and drums, in different colors like red, blue, green, and yellow. One container clearly has the word 'CHEMICAL' printed on it. The containers are arranged on a surface, possibly a table or a shelf.	
A small, rectangular image of the German flag, which consists of three horizontal stripes of red, yellow, and black.	
German	

CHT Chemicals



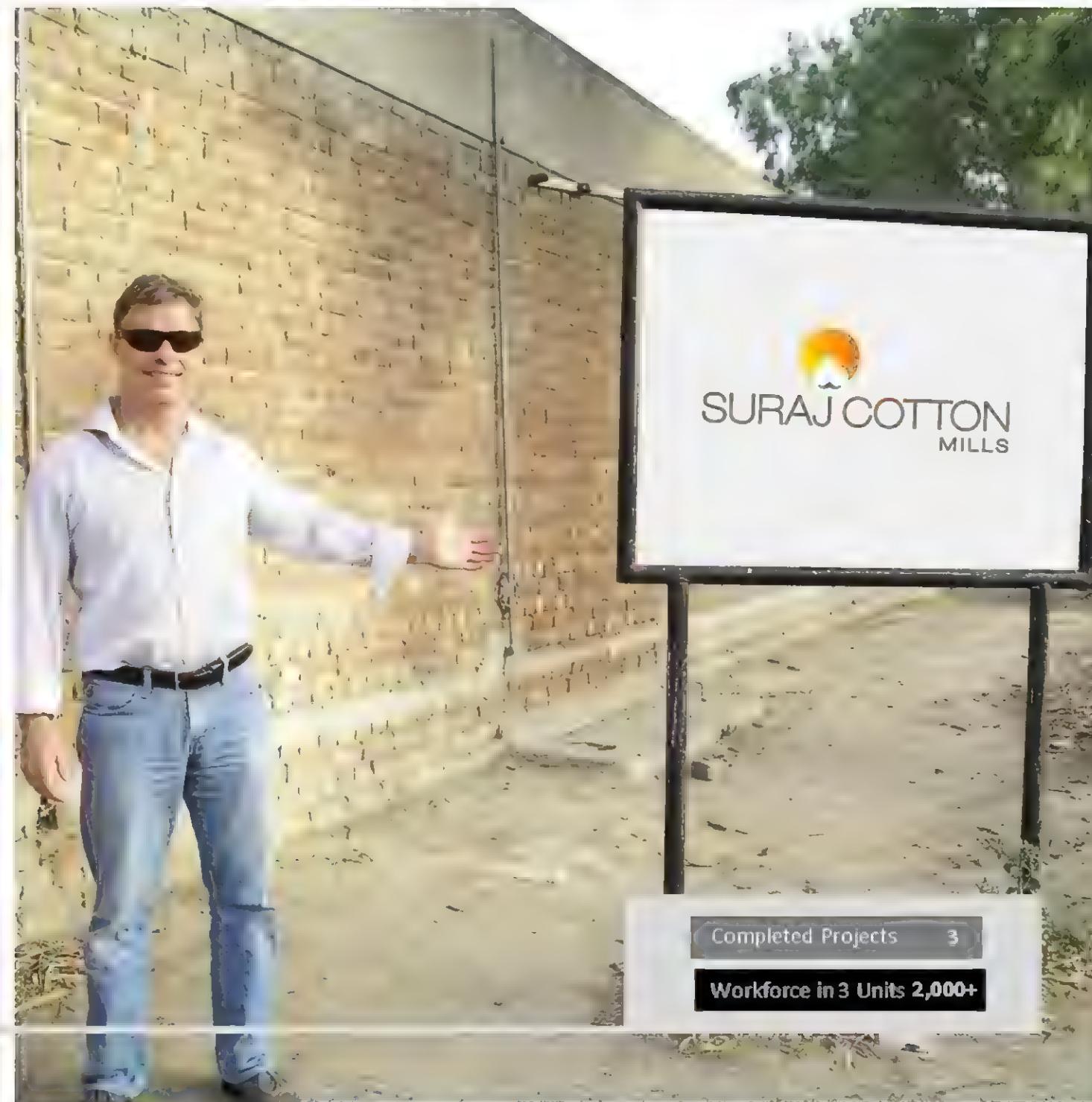


Industry	Textile – Spinning Mill
Permanent	700
Contractors	400 +
Total Strength	1100 +
Device Type	SmartXS x 2
Turnstile	2 (Order Under Process)
Software Type	Advanced Attendance

Deployed Since

January 2014

Suraj Cotton Mills



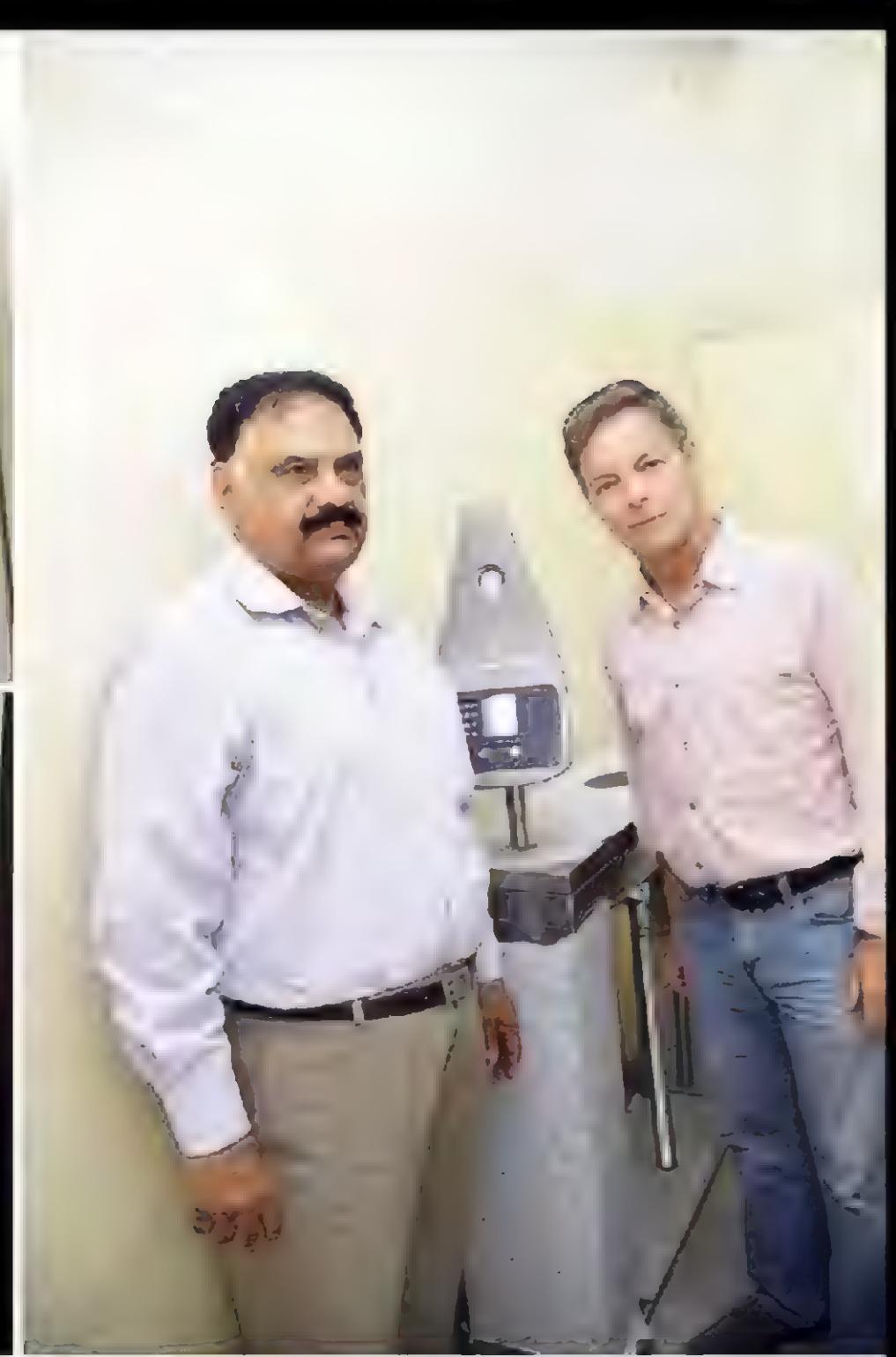




Industry	Textile – Spinning
Permanent	660
Contractors	398 +
Total Strength	1058 +
Device Type	SmartXS x 2
Turnstile	2
Software Type	Advanced Attendance



Rawal Textiles Mills





Industry **Textile – Spinning**

Permanent **670**

Contractors **401 +**

Total Strength **1071 +**

Device Type **SmartXS x 2**

Turnstile **2**

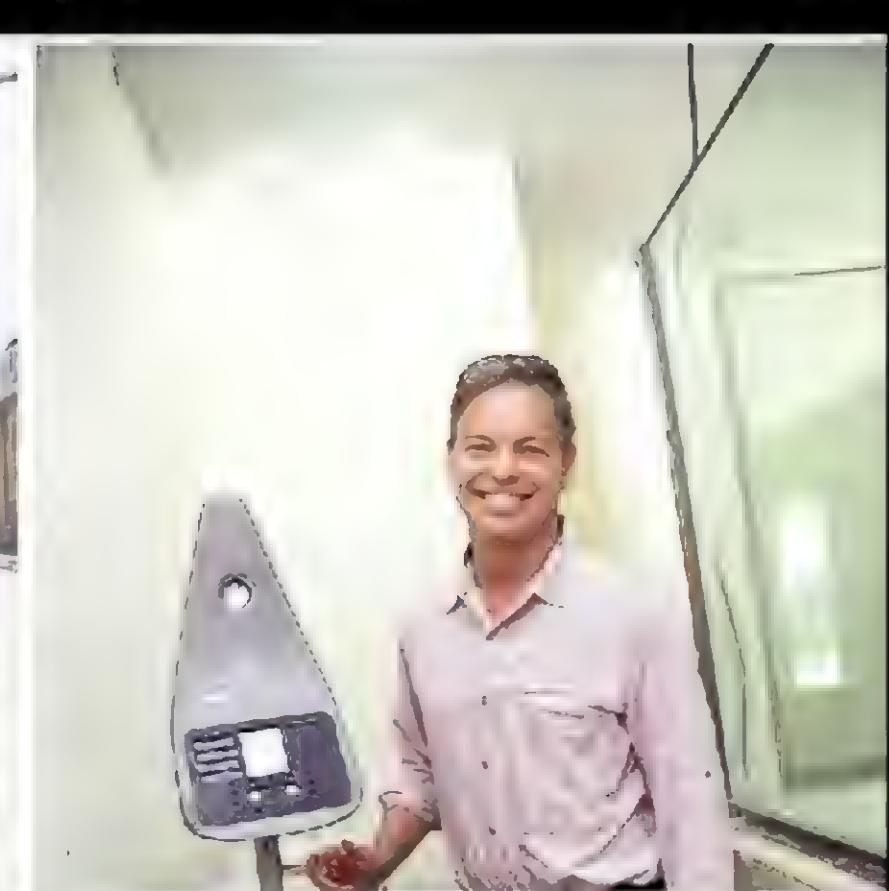
Software Type **Advanced Attendance**

Monnoo II
Deployed Since
July 2012

Monnoo II
Deployed Since
July 2012



Olympia Blended Fibre Mills 2





Industry	Textile – Spinning
Permanent	1800
Contractors	700 +
Total Strength	2500 +
Device Type	SmartXS x 5
Turnstile	4
Software Type	SDK



Tanveer Cotton Mills





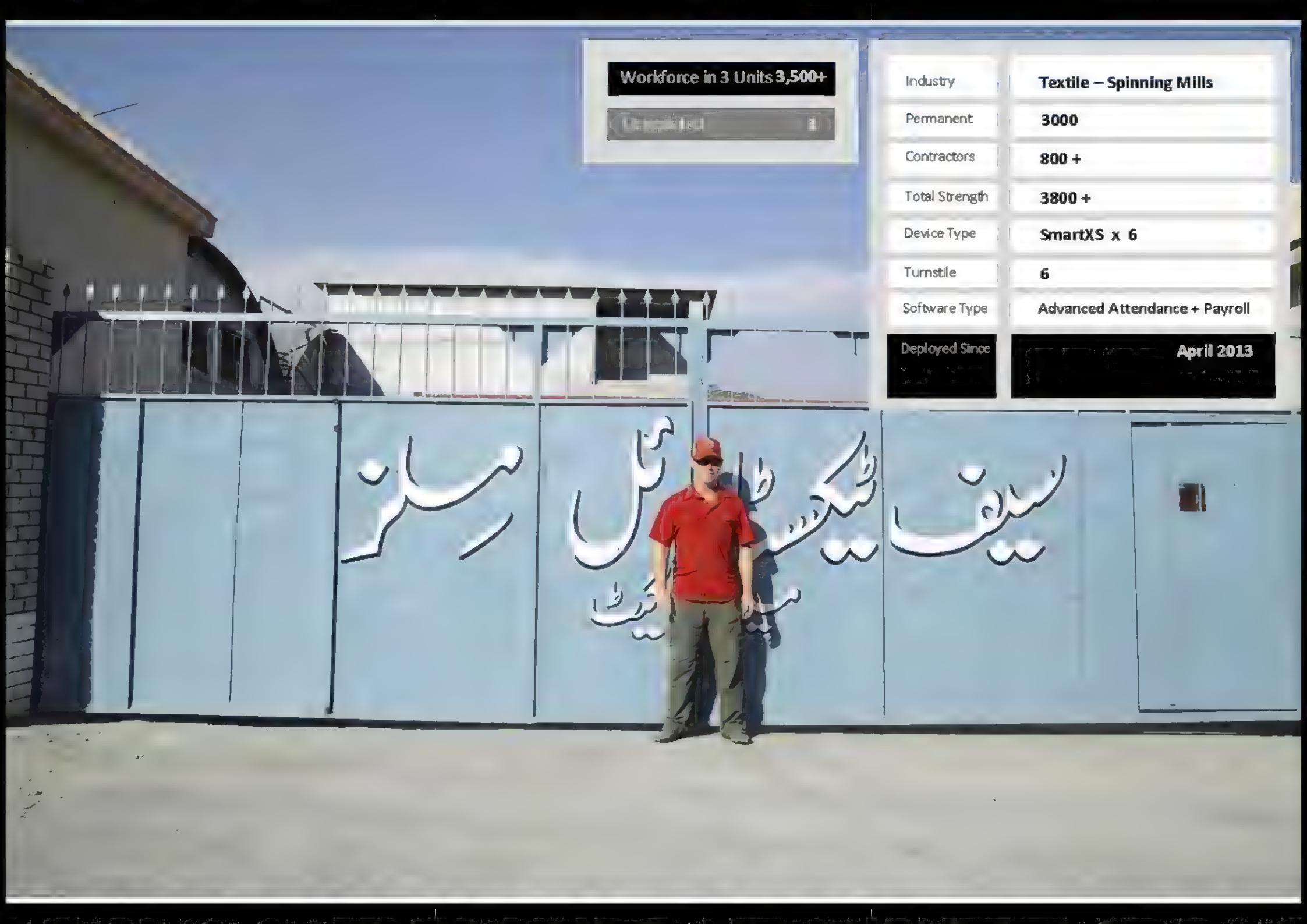
Industry	Textile – Spinning
Permanent	750
Contractors	391 +
Total Strength	1141 +
Device Type	SmartXS x 2
Turnstile	2
Software Type	Advanced Attendance + Payroll

Deployed Since
July 2011

WESTPOINT
HOME

Blessed Textiles Mills – Unit 1





Workforce in 3 Units 3,500+

Unverified

Industry

Textile – Spinning Mills

Permanent

3000

Contractors

800 +

Total Strength

3800 +

Device Type

SmartXS x 6

Turnstile

6

Software Type

Advanced Attendance + Payroll

Deployed Since

April 2013

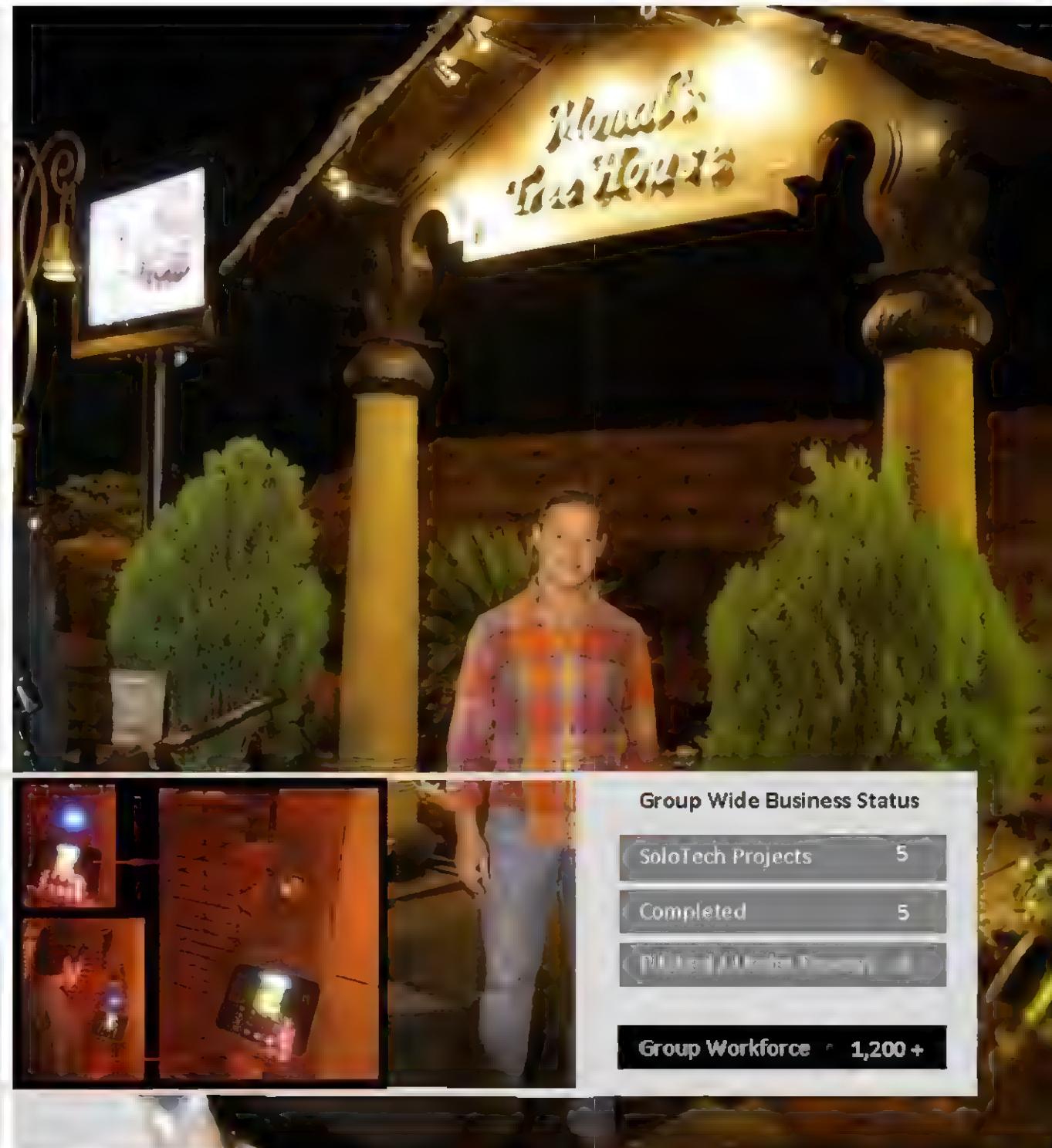




Industry	Restaurant
Permanent	300
Contractors	140 +
Total Strength	440 +
Device Type	SmartXS x 1
Turnstile	0
Software Type	Basic Attendance

Deployed Since: June 2010

Monal Restaurant



Workforce at 11 Units 3,500+

Completed Units 11

Industry Beverage

Permanent 3500

Contractors 1500 +

Total Strength 5000 +

Device Type Secure Face x 11

Turnstile 11

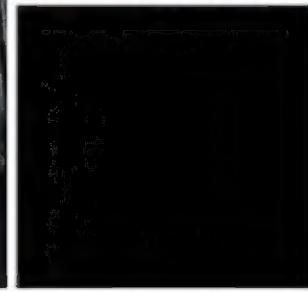
Software Type Basic Attendance

Deployed Since

January 2010









Industry	Ceramics
Permanent	500
Contractors	299 +
Total Strength	799 +
Device Type	SmartXS x 2
Turnstile	2 Wing Gates
Software Type	Basic Attendance
Deployed Since	September 2013

